

WW	WW	FFFFFFFFF	CCCCCCCC	000000	PPPPPPP	LL		NN	NN
WW	WW	FFFFFFFFF	CCCCCCCC	000000	PPPPPPP	PP		NN	NN
WW	WW	FF	CC	00	PP	PP		NN	NN
WW	WW	FF	CC	00	PP	PP		NN	NN
WW	WW	FF	CC	00	PP	PP		NNNN	NN
WW	WW	FF	CC	00	PP	PP		NNNN	NN
WW	WW	FFFFFFF	CC	00	PPPPPPP	LL		NN	NN
WW	WW	FFFFFFF	CC	00	PPPPPPP	LL		NN	NN
WW	WW	FF	CC	00	PP	LL		NN	NNNN
WW	WW	FF	CC	00	PP	LL		NN	NNNN
WWWW	WWWW	FF	CC	00	PP	LL		NN	NN
WWWW	WWWW	FF	CC	00	PP	LL		NN	NN
WW	WW	FF	CCCCCCC	000000	PP	LLLLLLL		NN	NN
WW	WW	FF	CCCCCCC	000000	PP	LLLLLLL		NN	NN

LL		SSSSSSS
LL		SSSSSSS
LL		SS
LLLLLLL		SSSSSSS
LLLLLLL		SSSSSSS

```
0001 0 %TITLE 'EDTSWFCOPLIN - copy a line'
0002 0 MODULE EDTSWFCOPLIN (
0003 0     IDENT = 'V04-000'
0004 0 )
0005 1 BEGIN
0006 1 ****
0007 1 *
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0026 1 *
0027 1 *
0028 1 ****
0029 1 *
0030 1 *
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 Copy a line, optionally deleting it.
0037 1
0038 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0039 1
0040 1 AUTHOR: Bob Kushlis, CREATION DATE: October 16, 1978
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1 1-001 - Original. DJS 23-Feb-1981. This module was created by
0045 1 extracting routine EDT$CPY_LN from module EDTWF.
0046 1 1-002 - Regularize headers. JBS T6-Mar-1981
0047 1 1-003 - Save line being copied since we don't have indirect access
0048 1 into the workfile anymore. STS 23-Feb-1982
0049 1 1-004 - Make line larger. STS 23-Feb-1982
0050 1 1-005 - Change stack allocation to get heap storage. STS 05-Mar-1982
0051 1 1-006 - Give an error return if the heap storage is not available. JBS 09-Jun-1982
0052 1 1-007 - Improve the appearance of the listing. JBS 20-Jun-1983
0053 1 !--
0054 1
```

EDT\$WFCOPLIN
V04-000

EDT\$WFCOPLIN - copy a line
Declarations

D 5
16-Sep-1984 02:04:05
14-Sep-1984 12:25:27
VAX-11 Bliss-32 v4.0-742
DISK\$VMSMASTER:[EDT.SRC]WFCOPLIN.BLI;1 Page 2 (2)

**F1

```
56      0055 1 %SBTTL 'Declarations'  
57      0056 1 !  
58      0057 1 ! TABLE OF CONTENTS:  
59      0058 1 !  
60      0059 1 !  
61      0060 1 REQUIRE 'EDTSRC:TRAROUNAM';  
62      0499 1 !  
63      0500 1 FORWARD ROUTINE  
64      0501 1     EDT$SCPY_LN;  
65      0502 1 !  
66      0503 1 !  
67      0504 1 ! INCLUDE FILES:  
68      0505 1 !  
69      0506 1 !  
70      0507 1 REQUIRE 'EDTSRC:EDTREQ';  
71      0642 1 !  
72      0643 1 !  
73      0644 1 ! MACROS:  
74      0645 1 !  
75      0646 1 !     NONE  
76      0647 1 !  
77      0648 1 ! EQUATED SYMBOLS:  
78      0649 1 !  
79      0650 1 !     NONE  
80      0651 1 !  
81      0652 1 ! OWN STORAGE:  
82      0653 1 !  
83      0654 1 !     NONE  
84      0655 1 !  
85      0656 1 ! EXTERNAL REFERENCES:  
86      0657 1 !  
87      0658 1 !     In the routine
```

```
89      0659 1 %SBTTL 'EDT$SCPY_LN - copy a line'  
90      0660 1  
91      0661 1 GLOBAL ROUTINE EDT$SCPY_LN (           ! Copy a line  
92          0662 1     DELETE                      ! 1 = delete after copying  
93          0663 1     ) =  
94          0664 1  
95          0665 1     ++  
96          0666 1     FUNCTIONAL DESCRIPTION:  
97          0667 1  
98          0668 1     Copy a Line. The delete parameter indicates that the line  
99          0669 1     should be deleted after copying.  
100         0670 1  
101         0671 1     FORMAL PARAMETERS:  
102         0672 1  
103         0673 1     DELETE          1 = delete after copying  
104         0674 1  
105         0675 1     IMPLICIT INPUTS:  
106         0676 1  
107         0677 1     EDT$SA_CUR_BUF  
108         0678 1     EDT$SA_ALT_BUF  
109         0679 1     EDT$SA_WK_N  
110         0680 1  
111         0681 1     IMPLICIT OUTPUTS:  
112         0682 1  
113         0683 1     EDT$SA_CUR_BUF  
114         0684 1  
115         0685 1     ROUTINE VALUE:  
116         0686 1  
117         0687 1     1 = OK  
118         0688 1     0 = failed for lack of heap storage  
119         0689 1  
120         0690 1     SIDE EFFECTS:  
121         0691 1  
122         0692 1     NONE  
123         0693 1  
124         0694 1     --  
125         0695 1  
126         0696 2     BEGIN  
127         0697 2  
128         0698 2     EXTERNAL ROUTINE  
129          0699 2     EDT$SA0_HEAP,           ! Allocate heap storage  
130          0700 2     EDT$DEA_HEAP : NOVALUE,  
131          0701 2     EDT$DEL_CURLN : NOVALUE,  
132          0702 2     EDT$INS_LN : NOVALUE,  
133          0703 2     EDT$RD_CURLN : NOVALUE;  
134          0704 2  
135          0705 2     EXTERNAL  
136          0706 2     EDT$SA_CUR_BUF : REF TBCB_BLOCK,    ! Current text buffer control block  
137          0707 2     EDT$SA_ALT_BUF,           ! Alternate text buffer control block  
138          0708 2     EDT$SA_WK_N : REF LIN_BLOCK;       ! Pointer to current line  
139          0709 2  
140          0710 2     LOCAL  
141          0711 2     SAVE_TBCB,  
142          0712 2     LINE,  
143          0713 2     LINE_LEN;  
144          0714 2  
145          0715 2 !+
```

EDTSWF COPLIN
V04-000

EDT\$WF\$COPLIN - copy a line
EDT\$SCPY_LN - copy a line

F 5
16-Sep-1984 02:04:05 VAX-11 Bliss-32 V4.0-742 Page 4
14-Sep-1984 12:25:27 DISKSVMMASTER:[EDT.SRC]WF COPLIN.BLI;1 (3)

EDTS
V04-

```

146 0716 2 | since we do not have indirect access to the workfile with callable EDT
147 0717 2 | we must copy out the line we wish to copy before we get the next bucket.
148 0718 2 |
149 0719 2 |
150 0720 2 IF ( NOT EDTSSALO_HEAP (%REF (512), LINE) ) THEN RETURN (0);
151 0721 2 |
152 0722 2 LINE_LEN = .EDTSSA_WK_LN [LIN_LENGTH];
153 0723 2 EDTSSCPY MEM (.LINE_LEN, EDTSSA_WK_LN [LIN_TEXT], .LINE);
154 0724 2 SAVE_TBCB = .EDTSSA_CUR_BUF;
155 0725 2 EDTSSA_CUR_BUF = .EDTSSA_ALT_BUF;
156 0726 2 EDTSSRD_CURLN ();
157 0727 2 EDTSSINS_LN (.LINE, .LINE_LEN);
158 0728 2 EDTSSDEA_HEAP (%REF (512), LINE);
159 0729 2 EDTSSA_CUR_BUF = .SAVE_TBCB;
160 0730 2 EDTSSRD_CURLN ();
161 0731 2 |
162 0732 2 IF .DELETE THEN EDTSSDEL_CURLN ();
163 0733 2 |
164 0734 2 RETURN (1);
165 0735 1 END;

```

! of routine EDTSSCPY_LN

.TITLE EDT\$WF\$COPLIN EDT\$WF\$COPLIN - copy a line
.IDENT \V04-000\

.EXTRN EDTSSALO_HEAP, EDTSSDEA HEAP
.EXTRN EDTSSDEL_CURLN, EDTSSINS LN
.EXTRN EDTSSRD_CURLN, EDTSSA CUR BUF
.EXTRN EDTSSA_ALT_BUF, EDTSSA_WK_LN

.PSECT _EDTSCODE,NOWRT, SHR, PIC,2

				01FC	00000	.ENTRY	EDTSSCPY LN, Save R2,R3,R4,R5,R6,R7,R8	0661
		58	00000000G	00	9E	00002	MOVAB	EDTSSRD_CURLN, R8
		57	00000000G	00	9E	00009	MOVAB	EDTSSA_CUR_BUF, R7
		5E		08	C2	00010	SUBL2	#8, SP
				04	AE	9F	PUSHAB	LINE
	04	AE	0200	8F	3C	00016	MOVZWL	#512, 4(SP)
				04	AE	9F	PUSHAB	4(SP)
		00000000G	00	02	FB	0001F	CALLS	#2, EDTSSALO_HEAP
			51	50	E9	00026	BLBC	R0, 2\$
			50	00000000G	00	D0	MOVL	EDTSSA_WK_LN, R0
			56		60	9A	MOVZBL	(R0), LINE_LEN
	04	BE	07	A0	56	28	MOVC3	LINE_LEN, 7(R0), @LINE
			52		67	D0	MOVL	EDTSSA_CUR_BUF, SAVE_TBCB
			67	00000000G	00	D0	MOVL	EDTSSA_ALT_BUF, EDTSSA_CUR_BUF
			68		00	FB	CALLS	#0, EDTSSRD_CURLN
					56	DD	PUSHL	LINE_LEN
				08	AE	DD	PUSHL	LINE
		00000000G	00	02	FB	0004B	CALLS	#2, EDTSSINS_LN
				04	AE	9F	PUSHAB	LINE
	04	AE	0200	8F	3C	00052	MOVZWL	#512, 4(SP)
				04	AE	9F	PUSHAB	4(SP)
		00000000G	00	02	FB	0005E	CALLS	#2, EDTSSDEA_HEAP
			67	52	D0	00065	MOVL	SAVE_TBCB, EDTSSA_CUR_BUF
			68	00	FB	00068	CALLS	#0, EDTSSRD_CURLN
			07	04	AC	E9	BLBC	DELETE, 1\$

EDT\$WFCOPLIN
V04-000

EDT\$WFCOPLIN - copy a line
EDT\$SCPY_LN - copy a line

G 5
10-Sep-1984 02:04:05 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 12:25:27 DISK\$VMSMASTER:[EDT.SRC]WFCOPLIN.BLI;1 Page 5
(3)

00000000G 00
50

00 FB 0006F
01 D0 00076 1\$: CALLS #0, EDT\$\$DEL_CURLN
04 00079
50 D4 0007A 2\$: MOVL #1, R0
04 0007C RET
CLRL R0
RET

: 0734
: 0735

: Routine Size: 125 bytes. Routine Base: _EDT\$CODE + 0000

: 166 0736 1
: 167 0737 1 !<BLF/PAGE>

EDT\$
V04-

EDT\$WFCOPLIN
VO4-000

EDT\$WFCOPLIN - copy a line
EDT\$SCPY_LN - copy a line

: 169 0738 1 END
: 170 0739 1
: 171 0740 0 ELUDOM

H 5
16-Sep-1984 02:04:05 VAX-11 Bliss-32 V4.0-742
14-Sep-1984 12:25:27 DISK\$VMSMASTER:[EDT.SRC]WFCOPLIN.BLI;1 Page 6 (4)

: ! of module EDT\$WFCOPLIN

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	125	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	32	8	40	00:00.2
\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:WFCOPLIN/OBJ=OBJ\$:WFCOPLIN MSRC\$:WFCOPLIN.BLI/UPDATE=(ENH\$:WFCOPLIN)

: Size: 125 code + 0 data bytes
: Run Time: 00:11.1
: Elapsed Time: 00:13.7
: Lines/CPU Min: 4010
: Lexemes/CPU-Min: 11593
: Memory Used: 75 pages
: Compilation Complete

0141 AH-BT13A-SE
VAX/VMS V4.0

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